

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

SQL> cl scr

```
SQL> SELECT
  2  Ename,
  3  HireDate
  4  FROM Emp
  5  WHERE Ename = 'SMITH';
```

ENAME	HIREDATE
SMITH	17-DEC-80

```
SQL> SELECT
  2  Ename,
  3  HireDate,
  4  TO_CHAR
  5  (
  6  ADD_MONTHS(Hiredate, 1),
  7  'DD-MON-YYYY'
  8  ) "NEXT MONTH"
  9  FROM Emp
 10  WHERE Ename = 'SMITH';
```

ENAME	HIREDATE	NEXT MONTH
SMITH	17-DEC-80	17-JAN-1981

SQL> cl scr

```
SQL> SELECT
  2  Ename||' is a '||Job Employee
  3  FROM Emp
  4  WHERE Empno = 7900;
```

EMPLOYEE
JAMES is a CLERK

SQL> ED
Wrote file afiedt.buf

```
1  SELECT
2  CONCAT(Ename, ' is a '||Job) Employee
3  FROM Emp
4* WHERE Empno = 7900
SQL> /
```

EMPLOYEE
JAMES is a CLERK

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JAMES is a CLERK

SQL> ED

Wrote file afiedt.buf

```
1  SELECT
2  CONCAT(Ename, CONCAT(' is a ', Job)) Employee
3  FROM Emp
4* WHERE Empno = 7900
SQL> /
```

EMPLOYEE

JAMES is a CLERK

SQL> cl scr

```
SQL> SELECT
2  '27-OCT-92' MyDate,
3  ADD_MONTHS('27-OCT-92', -10) + 5 NewYear
4  FROM DUAL;
```

```
MYDATE      NEWYEAR
-----
27-OCT-92  01-JAN-92
```

SQL> ED

Wrote file afiedt.buf

```
1  SELECT
2  '27-OCT-92' MyDate,
3  ADD_MONTHS('27-OCT-92', -9) - 26 NewYear
4* FROM DUAL
SQL> /
```

```
MYDATE      NEWYEAR
-----
27-OCT-92  01-JAN-92
```

```
SQL> SELECT
2  '27-OCT-92' MyDate,
3  TRUNC
4  (
5  '27-OCT-92', 'YEAR'
6  ) "NEW YEAR"
7  FROM DUAL;
      '27-OCT-92', 'YEAR'
      *
```

ERROR at line 5:

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ORA-01722: invalid number

```
SQL> SELECT
  2  '27-OCT-92' MyDate,
  3  TRUNC
  4  (
  5    TO_DATE('27-OCT-92' , 'DD-MON-YY'), 'YEAR'
  6  ) "NEW YEAR"
  7  FROM DUAL;
```

MYDATE	NEW YEAR
27-OCT-92	01-JAN-92

SQL> cl scr

```
SQL> SELECT
  2  Ename,
  3  HireDate
  4  FROM Emp
  5  WHERE Ename = 'MARTIN';
```

ENAME	HIREDATE
MARTIN	28-SEP-81

```
SQL> SELECT
  2  Ename,
  3  HireDate,
  4  TO_CHAR
  5  (
  6    ADD_MONTHS(LAST_DAY(Hiredate) , 5),
  7    'DD-MON-YYYY'
  8  ) "FIVE MONTHS"
  9  FROM Emp
 10  WHERE Ename = 'MARTIN';
```

ENAME	HIREDATE	FIVE MONTHS
MARTIN	28-SEP-81	28-FEB-1982

```
SQL> ED
Wrote file afiedt.buf
```

```
1  SELECT
2  Ename,
3  HireDate,
4  TO_CHAR
```

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```
5  (
6  LAST_DAY(ADD_MONTHS(Hiredate , 5)),
7  'DD-MON-YYYY'
8  ) "FIVE MONTHS"
9  FROM Emp
10* WHERE Ename = 'MARTIN'
SQL> /
```

ENAME	HIREDATE	FIVE MONTHS
MARTIN	28-SEP-81	28-FEB-1982

```
SQL> SELECT
2  Ename,
3  HireDate,
4  TO_CHAR
5  (
6  ADD_MONTHS(LAST_DAY(Hiredate) + 1 , 5),
7  'DD-MON-YYYY'
8  ) "FIVE MONTHS"
9  FROM Emp
10 WHERE Ename = 'MARTIN';
```

ENAME	HIREDATE	FIVE MONTHS
MARTIN	28-SEP-81	01-MAR-1982

```
SQL> SELECT
2  '02-02-1995' Date01,
3  '01-01-1995' Date02,
4  MONTHS_BETWEEN('02-02-1995', '01-01-1995') NMonths
5  FROM Dual;
MONTHS_BETWEEN('02-02-1995', '01-01-1995') NMonths
*
```

ERROR at line 4:
ORA-01843: not a valid month

```
SQL> ED
Wrote file afiedt.buf
```

```
1  SELECT
2  '02-FEB-1995' Date01,
3  '01-JAN-1995' Date02,
4  MONTHS_BETWEEN('02-FEB-1995', '01-JAN-1995') NMonths
5* FROM Dual
SQL> /
```

DATE01	DATE02	NMONTHS
--------	--------	---------

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02-FEB-1995 01-JAN-1995 1.03225806

```
SQL> SELECT
  2  '02-02-1995' Date01,
  3  '01-01-1995' Date02,
  4  MONTHS_BETWEEN
  5  (
  6  TO_DATE('02-02-1995', 'DD-MM-YYYY'),
  7  TO_DATE('01-01-1995', 'DD-MM-YYYY')
  8  ) NMonths
  9  FROM Dual;
```

DATE01	DATE02	NMONTHS
02-02-1995	01-01-1995	1.03225806

```
SQL> SELECT
  2  '15-MAR-98' Mydate,
  3  NEXT_DAY('15-MAR-98', 'TUESDAY') "Next Day"
  4  FROM DUAL;
```

MYDATE	Next Day
15-MAR-98	17-MAR-98

```
SQL> cl scr
```

```
SQL> SELECT Ename, Sal, Comm
  2  FROM Emp
  3  WHERE Deptno = 30;
```

ENAME	SAL	COMM
BLAKE	2850	
MARTIN	1250	1400
ALLEN	1600	300
TURNER	1500	0
JAMES	950	
WARD	1250	500

6 rows selected.

```
SQL> ED
Write file afiedt.buf
```

```
1  SELECT Ename, Sal, NVL(Comm, 'NO COMMISSION') Comm
2  FROM Emp
3* WHERE Deptno = 30
```

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```
SQL> /
SELECT Ename, Sal, NVL(Comm, 'NO COMMISSION') Comm
      *
```

ERROR at line 1:
ORA-01722: invalid number

```
SQL> ED
Wrote file afiedt.buf
```

```
  1  SELECT Ename, Sal, NVL(TO_CHAR(Comm), 'NO COMMISSION') Comm
  2  FROM Emp
  3* WHERE Deptno = 30
SQL> /
```

ENAME	SAL	COMM
BLAKE	2850	NO COMMISSION
MARTIN	1250	1400
ALLEN	1600	300
TURNER	1500	0
JAMES	950	NO COMMISSION
WARD	1250	500

6 rows selected.

```
SQL> SELECT
  2  Ename,
  3  HireDate
  4  FROM Emp
  5  WHERE Ename = 'BLAKE';
```

ENAME	HIREDATE
BLAKE	01-MAY-81

```
SQL> SELECT
  2  Ename,
  3  HireDate,
  4  TO_CHAR(HireDate, 'MONTH DD, YYYY')
  5  FROM Emp
  6  WHERE Ename = 'BLAKE';
```

ENAME	HIREDATE	TO_CHAR(HIREDATE, 'MONTH DD, YYYY')
BLAKE	01-MAY-81	MAY 01, 1981

```
SQL> ED
Wrote file afiedt.buf
```

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```
1  SELECT
2  Ename,
3  HireDate,
4  TO_CHAR(HireDate, 'FMMONTH DD, YYYY') HiredateCorr
5  FROM Emp
6* WHERE Ename = 'BLAKE'
SQL> /
```

ENAME	HIREDATE	HIREDATECORR
BLAKE	01-MAY-81	MAY 1, 1981

```
SQL> SELECT
2  TO_CHAR(SYSDATE, 'FMDDTH')||' of '||TO_CHAR( SYSDATE, 'FMMonth')||'
, '||TO_CHAR( SYSDATE, 'YYYY') Idea
3  FROM DUAL;
```

IDEA

28TH of January , 2014

SQL> cl scr

```
SQL> SELECT
2  TO_CHAR(SYSDATE, 'FMDAY' )||'''s Special' "MENU"
3  FROM DUAL;
```

MENU

TUESDAY's Special

SQL> cl scr

```
SQL> SELECT
2  TO_CHAR(TO_DATE('&GiveNumber', 'J'), 'JSP') "Spelled Number"
3  FROM DUAL;
```

Enter value for givenumber: 1245

Spelled Number

ONE THOUSAND TWO HUNDRED FORTY-FIVE

SQL> /

Enter value for givenumber: 123456

Spelled Number

ONE HUNDRED TWENTY-THREE THOUSAND FOUR HUNDRED FIFTY-SIX

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```
SQL> /
Enter value for givenumber: 0
TO_CHAR(TO_DATE('0', 'J'), 'JSP') "Spelled Number"
*
ERROR at line 2:
ORA-01854: julian date must be between 1 and 5373484
```

```
SQL> /
Enter value for givenumber: -1234
TO_CHAR(TO_DATE('-1234', 'J'), 'JSP') "Spelled Number"
*
ERROR at line 2:
ORA-01854: julian date must be between 1 and 5373484
```

```
SQL> /
Enter value for givenumber: 2345.65
TO_CHAR(TO_DATE('2345.65', 'J'), 'JSP') "Spelled Number"
*
ERROR at line 2:
ORA-01830: date format picture ends before converting entire input string
```

```
SQL> SELECT
  2  'SATHISH KUMAR YELLANKI' OrgName,
  3  TRANSLATE
  4  (
  5  'SATHISH KUMAR YELLANKI',
  6  'ABCDEFGHIJKLMNOPQRSTUVWXYZ',
  7  '1234567890!@#$$%^&*()-=_+;,.,'
  8  ) EncryptedName
  9  FROM DUAL;
```

ORGNAM	ENCRYPTEDNAME

SATHISH KUMAR YELLANKI	(1)89(8 !-#1* ;5@@1\$!9

```
SQL> ED
Wrote file afiedt.buf
```

```
1  SELECT
2  '(1)89(8 !-#1* ;5@@1$!9' EncryptName,
3  TRANSLATE
4  (
5  '(1)89(8 !-#1* ;5@@1$!9',
6  '1234567890!@#$$%^&*()-=_+;,.,',
7  'ABCDEFGHIJKLMNOPQRSTUVWXYZ'
```

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```
8      ) DecryptedName
9* FROM DUAL
SQL> /
```

ENCRYPTNAME	DECRYPTEDNAME
(1)89(8 !-#1* ;5@@1\$!9	SATHISH KUMAR YELLANKI

```
SQL> SPOOL OFF
```

Oracle BY Sathish Yellanki (SkyEss)

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